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BY Gerald M. Currier
DATE May 15, 1990

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:	Patent Application of	:	Group Art Unit 246
	Omer Cure et al.	:	
Serial No:	331,091	:	Examiner P. Scanlon
Filed:	March 27, 1989	:	
For:	IMMERSION MEASURING	:	Attorney Docket
	PROBE FOR USE IN	:	No. 925-145 U2
	MOLTEN METALS	:	

SUPPLEMENTAL AMENDMENT

Further to the Amendment filed February 23, 1990,
applicant submits the following supplemental amendment to claims
28 and 33.

Please amend claims 28 and 33 as follows:

1/ ~~28.~~ (Three Times Amended.) An immersion measuring probe
for measurements in a molten metal bath comprising:

an elongated hollow electrically conductive tube, said
tube having an immersion end and a connector end;

a measuring head closing the internal portion of said
immersion end of said tube, said measuring head having

a non-conductive support plug,